## NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573 April 8, 1981

Mr. E. W. Guynn Geological Survey-Conservation Div. 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Mr. Michael T. Minder Division of Oil, Gas & Mining 1588 West North Temple Salt Lake City, UT 84116

> Proposed NGC # 42-23 Federal Re:

> > Sweetwater Canyon

SE NE Section 23, T14S, R24E

Uintah County, Utah

### Gentlemen:

Enclosed are the following documents relating to drilling the above captioned well:

1) Application for Permit to Drill

2) Surveyor's Plat

3) Ten Point Drilling Procedure

4) BOP and Pressure Containment Specifications

13 Point Surface Use Plan

APR 1 3 1981

**PAVISION OF** 

OL, GAS & MINING

Your early consideration and approval of this application would be appreciated. Should you require additional information, please contact this office.

Sincerely,

Office Supervisor

/kh

Encls.

cc: Operations Supt.

C. T. Clark E. R. Henry

CONDITIONS OF APPROVAL, IF ANY:

SUBMIT IN (Other instructions on

Form approved. Budget Bureau No. 42-R1425.

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cc: USGS; UT Div. OG&M; Operations Supt.; ERHenry; CTClark DATE BY:

### Natural Gas Corporation of California Sweetwater Canyon #42-23 10 Point Drilling Procedure

1. Surface formation: Green River.

2.	Estimated formation tops:	Elevation	Datum
	Green River	Surface	7340' KB
	Mesaverde	2405 <b>'</b>	+4935 '
	Castlegate	4492'	+2848'
	Mancos	47221	+2618'
	Mancos B	4852 '	+24881
	Base of B	5992'	+1348'
	Dakota Silt	8036 <b>'</b>	- 696'
	TD	8490'	-1150'

Anticipated producing formations: Mancos B - Dakota Silt.

4. Proposed casing program:

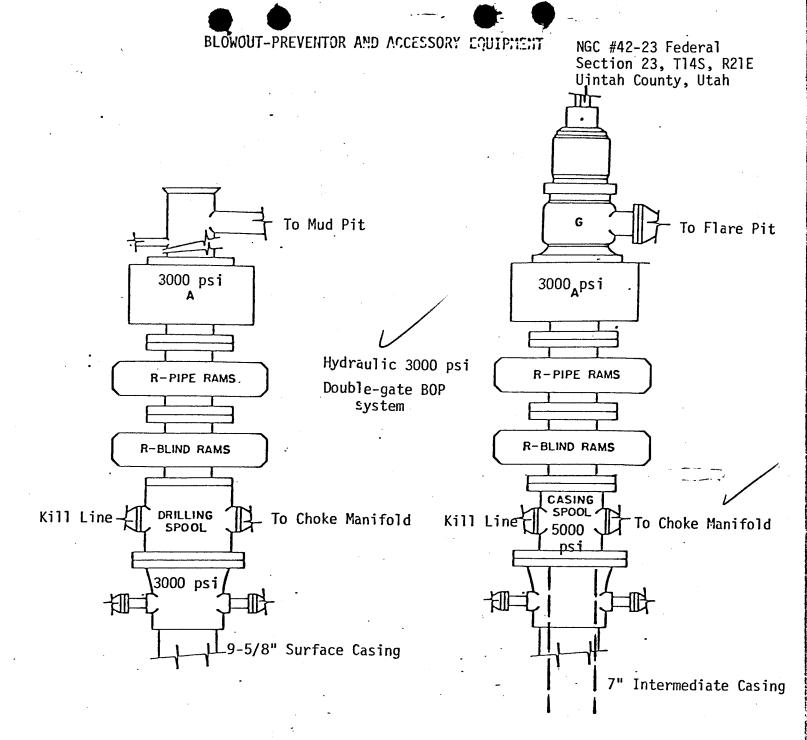
Hole Size	Casing Size	Weight/ft.	Setting Depth	Casing new/used
Surface-12-1/4"	9-5/8"	36#	250'	New
Intermediate-8-3/4	7"	23.0# K-55	2700 <b>'</b>	New
Production-6-1/8"	4-1/2"	11.6# N-80	TD	New

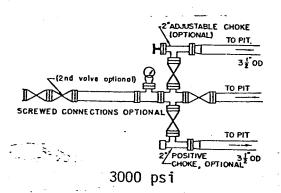
- 5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 9-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 minutes prior to drilling and will be mechanically checked daily during drilling operations.
- 6. Mud program will be fresh water base drilling mud from below surface casing to intermediate casing setting depth and a salt water mud system from below intermediate to total depth. Ample amount of weighting material will be maintained on location for emergencies.

Interval ft	Mud Weight 1bs/gal	Viscosity <u>sec/qt</u>	Fluid Loss ML/30 mins.	Mud Type
0-250 250-2700 2700-TD	Air 8.4 - 8.8 9.0 - 10.5	27 - 29 27 - 34	No Control 12 - 20 cc	Fresh Water Salt Water

- 7. Auxiliary equipment will include (1) upper kelly cock, (2) full opening stabbing valve, (3) 3000 psi choke manifold, (4) degasser.
- 8. Testing, coring, sampling and logging:
  - a. Testing: no drillstem tests are anticipated.
  - b. Coring: no coring is anticipated at this time.
  - c. Sampling: Two sets of cutting samples will be collected by the drilling contractor at 10' intervals from the base of the surface casing to the base of the Green River shale. The second sample will be sent to the Bureau of Mines, Laramie, Wyoming. Below the shale one sample will be taken at 10' intervals to TD.
  - d. Logging: 250-2700 Dual Induction-SFL, Borehole Compensated Sonic and Compensated Formation Density-Neutron log.
    - 2700-TD Dual Induction Laterolog, Borehole Compensated Sonic and Compensated Formation Density-Neutron log.
- 9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated.
- 10. Drilling Schedule: Drilling will commence 7/15/81.

  Duration of operations 30 days.





### CHOKE MANIFOLD

### Test Schedule

- 1) 10" BOP, choke manifold and 9-5/8" casing to 1000 psi on nipple up.
- 2) 10" BOP, choke manifold and 7" casing to 3000 psi.
- 3) All BOP equipment tested for operation daily and on bit trips.

### NATURAL GAS CORP. OF CALIFORNIA

13 Point Surface Use Plan

for

Well Location

N.G.C. #42-23

Located In

Section 23, T14S, R24E, S.L.B.& M.

Uintah County, Utah

### 1. EXISTING ROADS

See Attached Topographic Map "A".

To reach Natural Gas Corp., well location N.G.C. #42-23, located in the SE½ NE½ Section 23, Tl4S, R24E, S.L.B.& M., Uintah County Utah, proceed West from Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this highway and Utah State Highway 88 that exists to the South. Proceed South along Utah State Highway 88 - 17.8 miles to Ouray, Utah. Proceed South from Ouray along the Uintah County Road (of which the first 12 miles is paved and the rest an improved dirt road), 38.2 miles to the junction of this road and a road to the Northeast; proceed Northeasterly along this improved dirt road 17.3 miles to the beginning of the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the road is surfaced with native asphalt for approximately 12 miles, and then is improved dirt.

There will be no construction of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The highways mentioned above are under Utah State jurisdiction and are maintained by State Road Crews. The County road is constructed of native asphalt (partially) and is maintained by County Road crews.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

### 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23, T14S, R24E, S.L.B.& M. and proceeds in a Northerly direction approximately 400'  $\frac{1}{4}$  to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the ceterline with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be  $1\frac{1}{2}$  to 1 slopes and terraced.

### 2. PLANNED ACCESS ROAD - cont...

There will be no culverts required along this road.

There will be no turnouts required along this access road.

There are no fences encountered along this access road. There will be no gates or cattleguards required.

All lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. It is sparsely vegetated with sagebrush and grasses.

### 3. LOCATION OF EXISTING WELLS

There are no known water wells, producing wells, abandoned wells, disposal wells, drilling wells, shut in wells, injection, monitoring or observation wells, for other resources within a one mile radius of this location site.

## 4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no existing batteries, production facilities, gas gathering lines, injection or disposal lines within a one-mile radius of this location site belonging to Natural Gas Corp. of California.

In the event that production of oil from this well is established, then the existing area of the location well be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available, then the necessary arrangemets will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities if deemed necessary by the controlling agencies involved.

In the event that the production of natural gas is established then the necessary arrangements for a gas flowline will be made.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Item #7 and #10 and these requirements and standards will be adhered to.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

The anticipated water supply for this location is from Ouray, Utah and will be hauled by truck the 55.5 miles over the roads discussed in Item #1 and #2.

### 5. LOCATION AND TYPE OF WATER SUPPLY - cont...

If this water source is not acceptable then the necessary arrangements will be made to acquire the water needed for the drilling and production of this well and all agencies involved will be notified of any changes.

All regulation and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

All appropriate permits will be acquired and submitted to the proper authorities.

There will be no water well drilled at this location site.

### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

### 7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Land Fill.

A portable chemical toilet will be supplied for human waste.

### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

### 9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pit will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet & Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled spread over the distrubed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access road shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further convenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Item #7 and #10.

### 11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The terrain of the general area slopes from the rim of the Book Cliff Mountains to the North to the Colorado River to the South and is a portion of the East Tayaputs Plateau.

### 11. OTHER INFORMATION - cont...

The area is interlaced with numerous ridges and canyons formed by non-perennial streams and washes. The sides of the hills and canyons are rather steep and outcrops of sandstones, conglomerates, and shale deposits, are common in the area forming ledges and cliffs along the sides of the canyons,

The visible geologic structures in the area are of the Tuscher Formation Tertiary Period and the Wasatch Formation also of the Teriary Period.

The major drainage in the area with a year-round flow is Bitter Creek to the East.

The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during the early spring run-off and during extremely heavy rain storms of relatively long duration. This type of storm is rather uncommon as the normal annual precipitation is around 8".

The topsoil in the area ranges from a sandy-clay (SM-ML) type soil to a clayey (OL) type soil.

Due to the low precipitation average, climate condition and the types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in, and consists of juniper and pinion pine trees, sagebrush, scrub oak, shadscale, and bitterbrush, and some grasses and cacti as the primary flora.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various forms of reptiles.

The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (See Topographic Map "B").

The proposed location sits on the top of a ridge known as McCook Ridge. Tom Patterson Canyon is located to the Southwest and Bitter Creek to the East.

The visible structure of the location is of the Tushcer formation and consists of brownish-gray sandy-clay (SP-CL) with some shale outcrops.

The ground slopes through the location to the North at approximately a 5.0% grade.

The location is covered with juniper and pinion pine trees, scrub oak, sagebrush, and grasses.

### 11. OTHER INFORMATION - cont...

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

### 12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

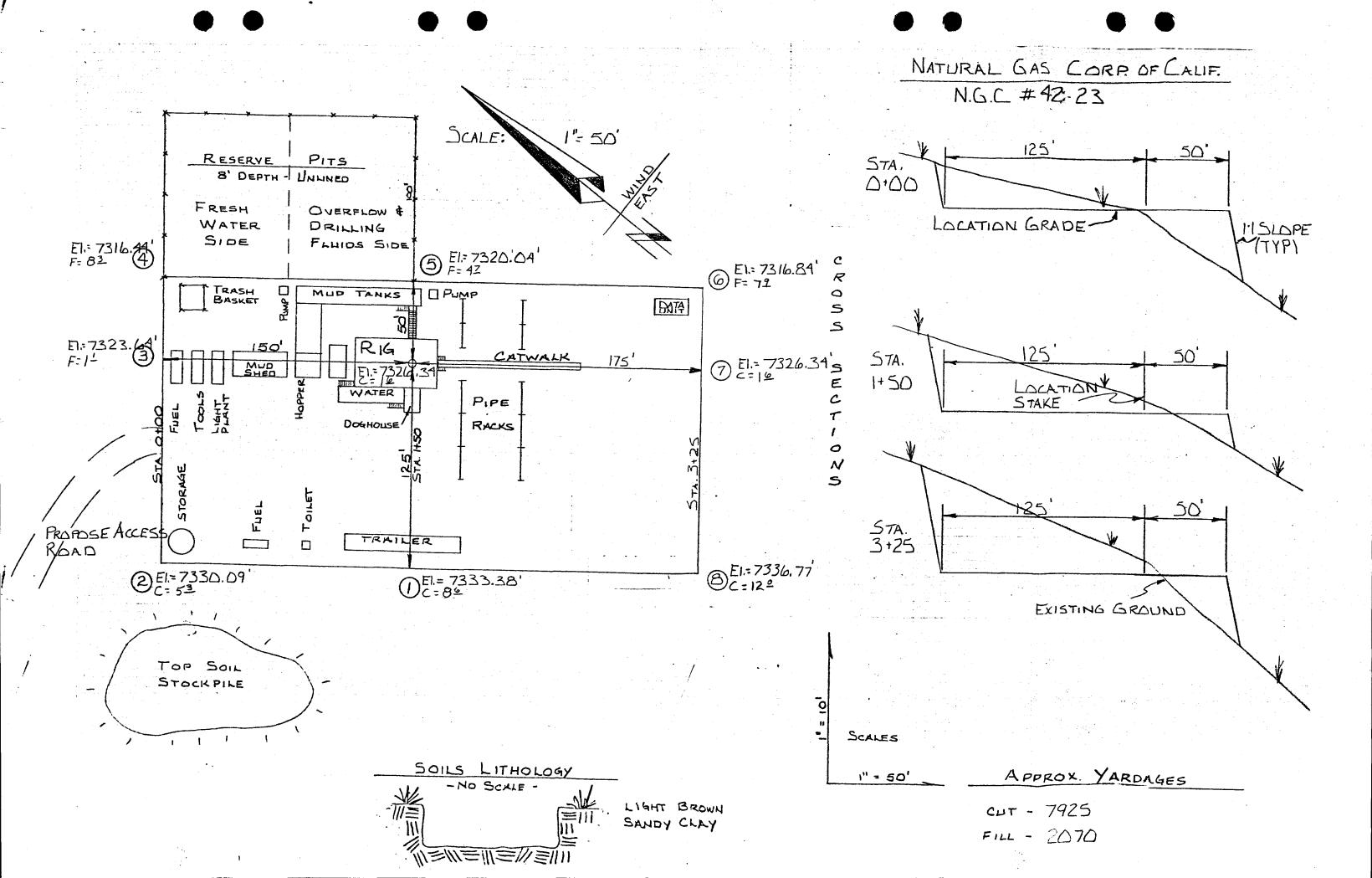
R. J. Firth 85 South 200 East Vernal, UT 84078

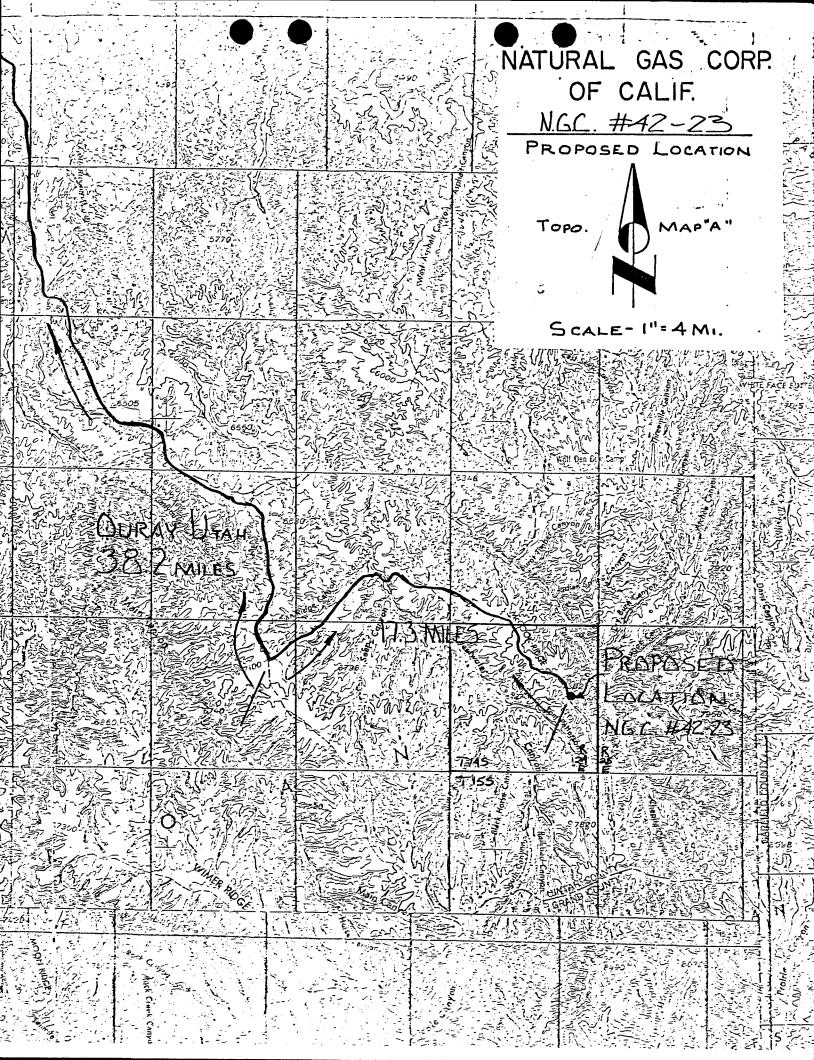
1-801-789-4573

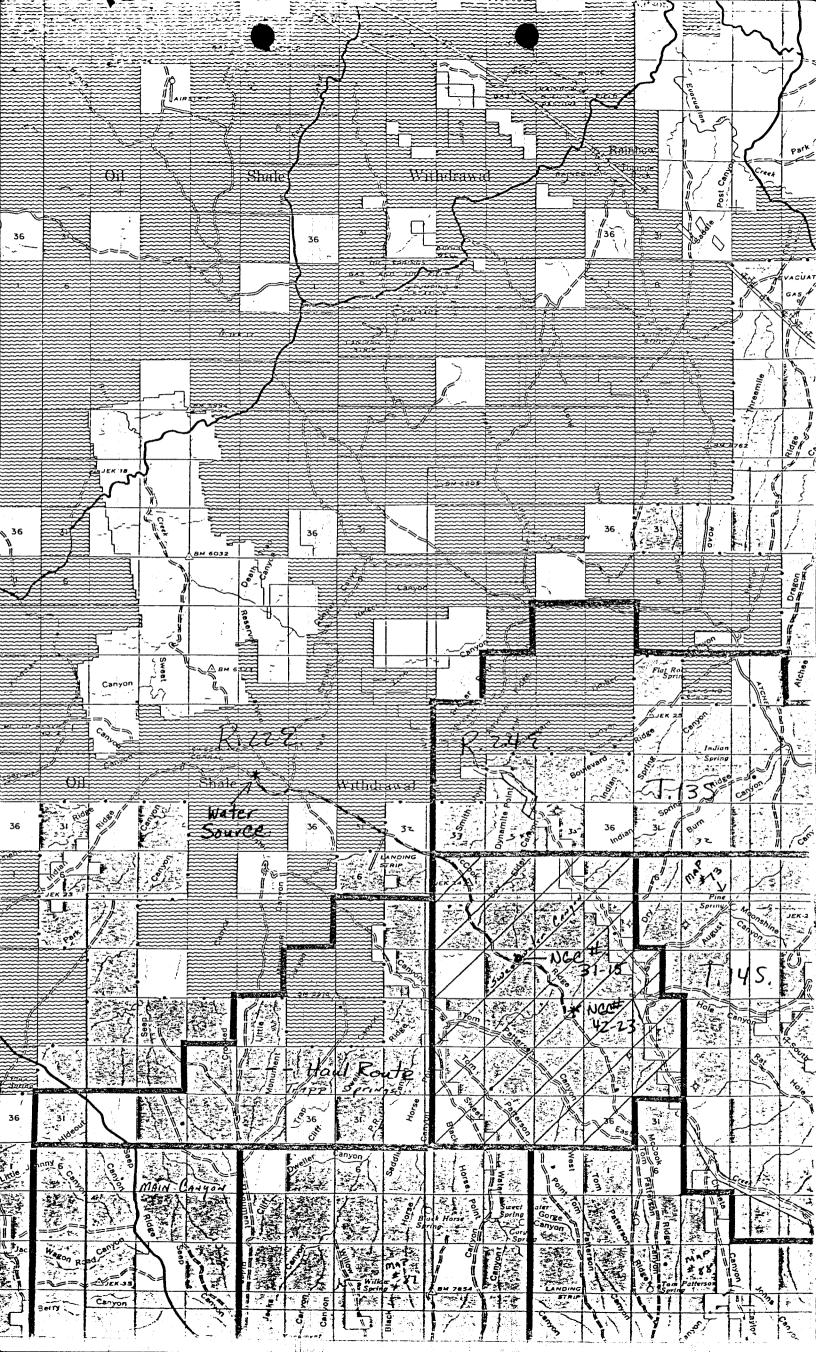
### 13. CERTIFICATION

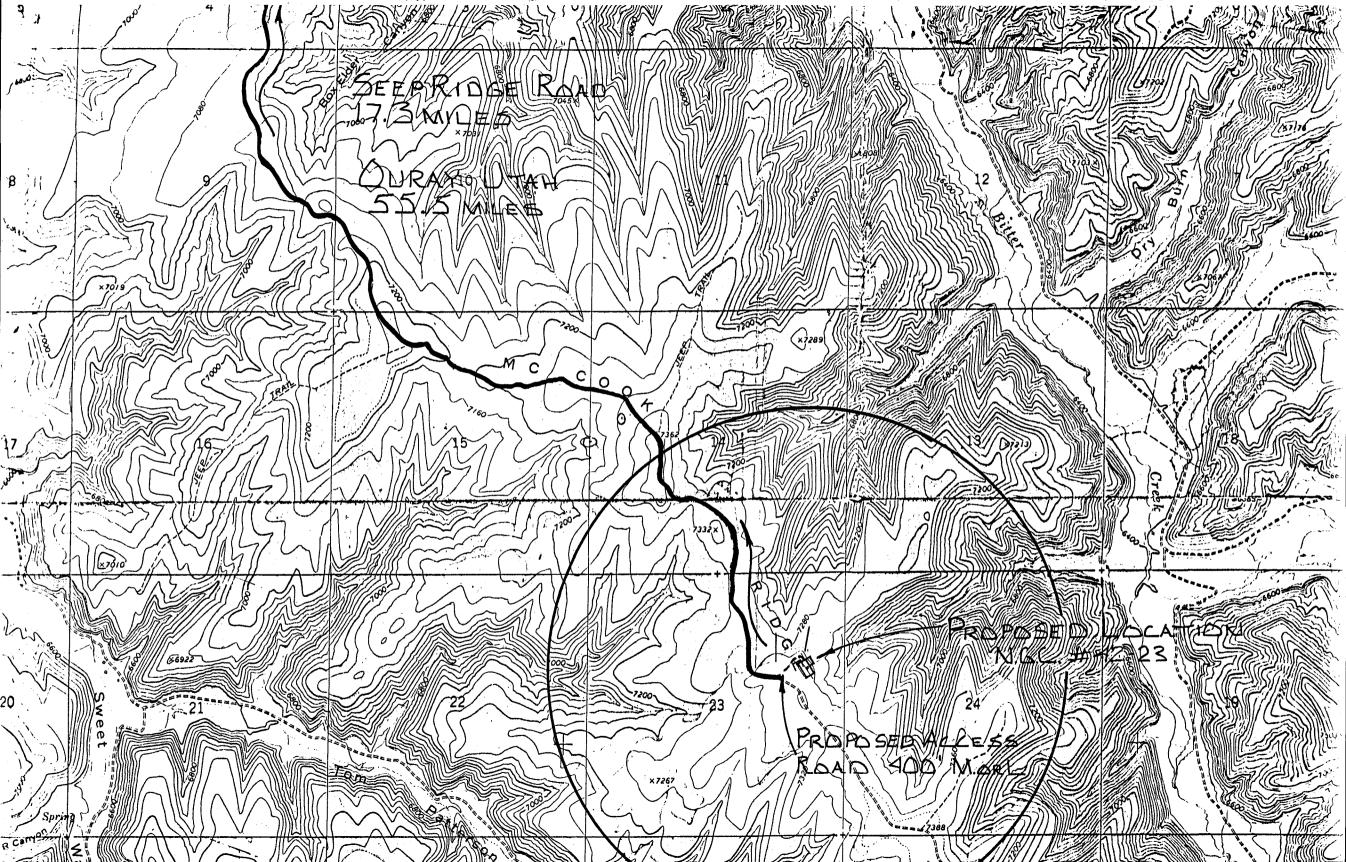
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be performed by the Natural Gas Corp. of California its contractors and sub-contractors in comformity with this plan and terms and conditions under which it is approved.

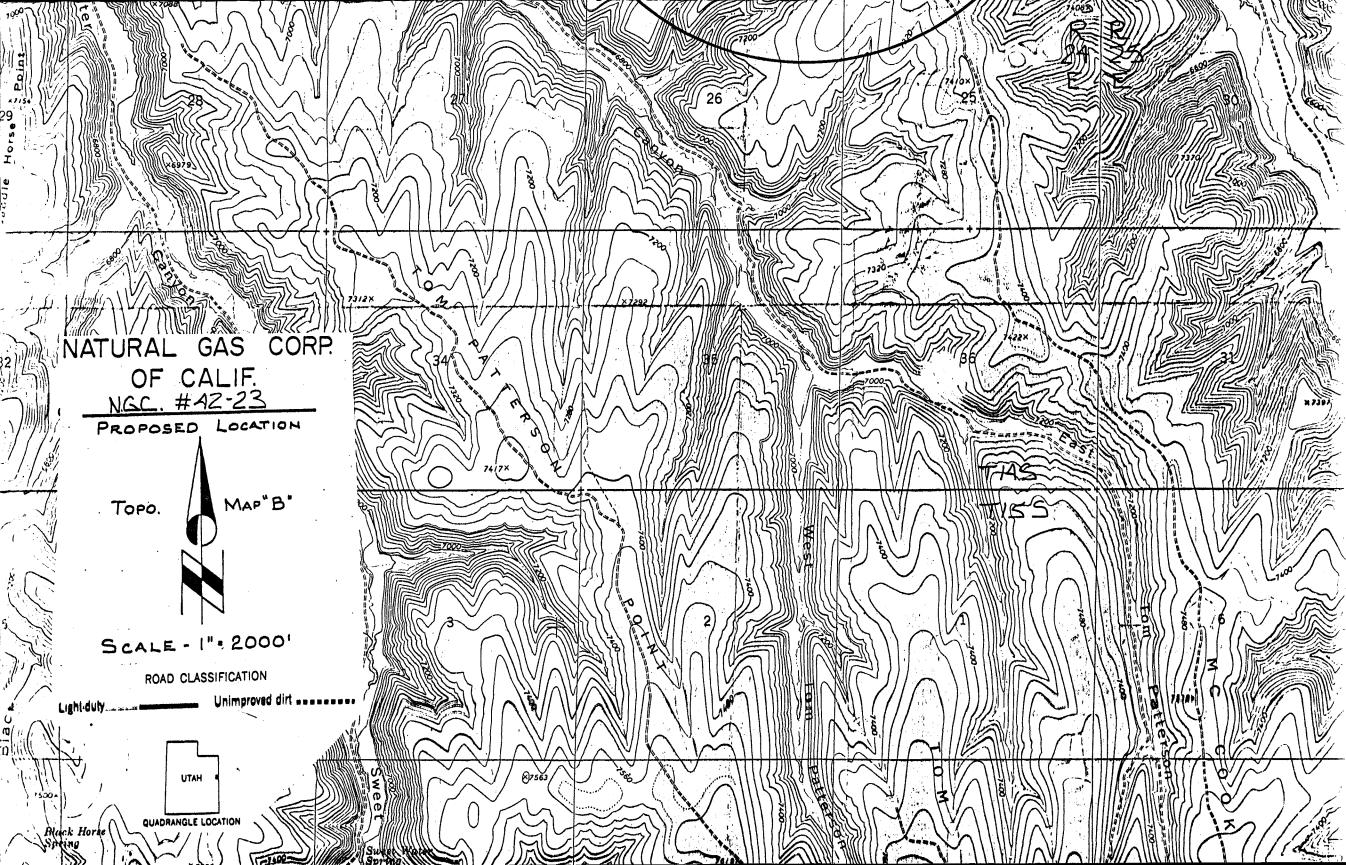
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### UNITED STATES DEPARTMENT OF THE IN **GEOLOGICAL SURVE**

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SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  ABANDON*  (other) Request to change Item #5 of the Surface Use Plan  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Request approval to use an existing water well in the SW SE NW of Section 26, T13S, R23E on Federal Land. The water well is not presently equipped with a pump.  We propose to set a pump and then pump water out of the well into an existing reservoir next to the water well and then haul water by vac trucks over the existing road to the location.  APPROVED BY THE STATE Subject to approve OIL, GAS, AND MINING  DATE: S-22-81  BY:  Subsurface Safety Valve: Manu. and Type  Ft.  18. I hereby certify that the foregoing is true and correct	Form 9-331 Dec. 1973	Form Approved. Budget Bureau No. 42-R1424
DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY  SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to did not to deepen or plug back to a different reservoir. Use from \$-312-Cfor such proposals.)  1. cil gas well will other  2. NAME OF OPERATOR Natural Gas Corporation of California  3. ADDRESS OF OPERATOR Telephone 789-45/3  85 South 200 East, Vernal, UT 840/78  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below).  AT TOTAL DEPTH:  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA.  REPORT, OR OTHER DATA.  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  NOTE Request approval to use an existing water well in the SW\$ SER NW\$ of Section 26, 1135, R23E on Federal Land. The water well is not presently equipped with a pump.  We propose to set a pump and then pump water out of the well into an existing reservoir next to the water well and then haul water by vac trucks over the existing road to the location.  APPROVED BY THE STATE  OF UTAH DIVISION OF OIL, GAS, AND MINING  DATE: \$-32.87  BY:	UNITED STATES	5. LEASE
SUNDRY NOTICES AND REPORTS ON WELLS  (Co. not use this form for prospecials to dill or to deepen or plug back to a different serveror, use from 5-31-C for such proposals.)  1. oil	DEPARTMENT OF THE INTERIOR	
Seetwater Canyon Unit   Section 23   Seetwater Canyon Unit	CAD CONTRACTOR CONTRAC	
1. oil well gas well other  2. NAME OF OPERATOR Natural Gas Corporation of California  3. ADDEESS OF OPERATOR Telephone 789-4573  85 South 200 East, Vernal, UT 84078  4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 17 below.)  AT SURFACE: 1987' FNL and 776' FEL (SE& NE&) AT TOP PROD. INTERVAL: AT TOTAL DEPTH:  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONS ABANDON* Other) Request to change Item #5 of the Surface Use Plan  Request approval to use an existing was proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones printent to this work.)  Request approval to use an existing was permient to this work.)  Request approval to use an existing was permient to this work.)  We propose to set a pump and then pump water out of the well into an existing reservoir next to the water well and then haul water by vac trucks over the existing road to the location.  APPROVED BY THE STATE  OF UTAH DIVISION OF OIL, GAS, AND MINING  DATE:  Section 23, TI4S, R24E  11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23, TI4S, R24E  12. COUNTY OR PARISH 13. STATE UIntah  13. STATE UIntah  14. API NO.  15. ELEVATIONS (SHOW DF, KDB, AND WD)  7326' Ungraded GR  (NOTE: Report results of multiple completion or zone change on Form 9-330.)  (NOTE: Report results of multiple completion or zone change on Form 9-330.)  (NOTE: Report results of multiple completion or zone change on Form 9-330.)  15. ELEVATIONS (SHOW DF, KDB, AND WD)  7326' Ungraded GR  (NOTE: Report results of multiple completion or zone change on Form 9-330.)  16. ELEVATIONS (SHOW DF, KDB, AND WD)  7326' Ungraded GR  (NOTE: Report results of multiple completion or zone change on Form 9-330.)  17. DESCRIBED PROPOSED OR COMPLETED OPERATIONS (Glearly state all pertinent details, and give exhibi		
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2. NAME OF OPERATOR Natural Gas Corporation of California 3. Address of Operator Telephone 789-4573 85 South 200 East, Vernal, UT 84078 4. Location of Well (REPORT Location Clearly, See space 17 below). AT SURFACE: 1987' FNL and 776' FEL (SE4 NE4) AT TOTAL DEFTH: 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TEAT SHOOT OR ACIDIZE CHANGE ZONES AGANDON MULTIPLE COMPLETE CHANGE ZONES AGANDON REQUEST to change Item #5 of the Surface Use Plan  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all imarkers and zones pertinent to this work.  Request approval to use an existing water well in the SW4 SE4 NW4 of Section 26, T13S, R23E on Federal Land. The water well is not presently equipped with a pump.  We propose to set a pump and then pump water out of the well into an existing reservoir next to the water well and then haul water by vac trucks over the existing road to the location.  APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: S-22-8/ BY:  10. T18ELO OR WILLCAT NAME Wildcat 11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA AND SURVEY OR AREA AND SURVEY OR AREA AND SECTION 26, T185, R24E  12. COUNTY OR PARISH 13. STATE 14. API NO.  15. ELEVATIONS (SHOW DF, KDB, AND WD) 7326' Ungraded GR 14. API NO.  15. ELEVATIONS (SHOW DF, KDB, AND WD) 7326' Ungraded GR 12. API NO.  15. ELEVATIONS (SHOW DF, KDB, AND WD) 7326' Ungraded GR 12. API NO.  15. ELEVATIONS (SHOW DF, KDB, AND WD) 7326' Ungraded GR 12. API NO.  15. ELEVATIONS (SHOW DF, KDB, AND WD) 7326' Ungraded GR 16. API NO.  16. ELEVATIONS (SHOW DF, KDB, AND WD) 7326' Ungraded GR 12. API NO.  15. ELEVATION (SHOW DF, KDB, AND WD) 7326' Ungraded GR 14. API NO.  15. ELEVATION (SHOW DF, KDB, AND WD) 7326' Ungraded GR 16. API NO.  16.		Federal 1988 8 478
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Subsurface Safety Valve: Manu. and Type	BY: <u>M.J.</u> A	Muchany 1 9 35 15 15 15 15 15
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51.00

Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and (This space for Federal or State office use) \_ APPROVED BY \_ TITLE . DATE USGS; UT Div. OG&M; Operations Supt.; E. R. Henry; C. S. Clark CONDITIONS OF APPROVAL, IF ANY:

SUBMIT IN T PLICATE\*

Form approved. Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

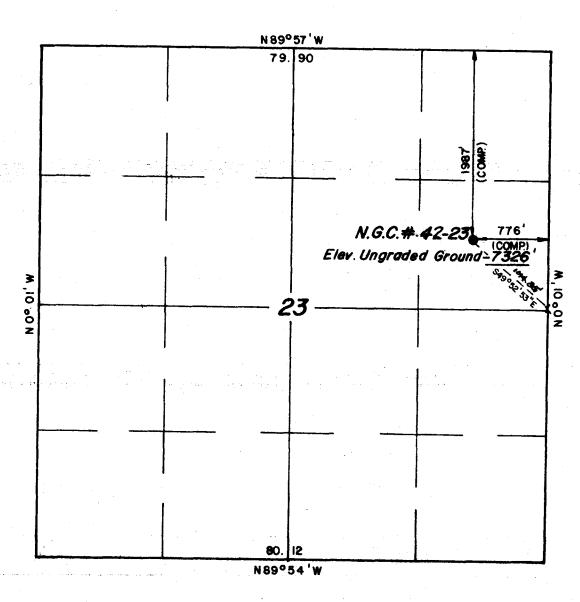
(Other instructions on reverse side) DEPARTMENT OF THE INTERIOR

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Natural Gas	Corporation o	f California		·			9. WELL NO.		
3. ADDRESS OF OPERATOR							42-23		
	East, Vernal					3	10. FIELD AND PO	OOL, OR	WILDCAT
4. LOCATION OF WELL (I	Report location clearly	and in accordance wi	th any S	State requiren	ents.*)		Wildcat	. :	*
1907 F	NL, 776' FEL,	SE NE Section	on 23	, 1145,	KZ4E		11. SEC., T., R., M AND SURVEY	OR AREA	<b>c.</b>
At proposed prod. zo	ne						Section	 23. T	14S, R24E
14. DISTANCE IN MILES	AND DIRECTION FROM	NEAREST TOWN OR PO	T OFFIC	E.*			12. COUNTY OR P.		
	th of Vernal,								
15. DISTANCE FROM PROF			16. NO	OF ACRES I	N LEASE		l Uintah of acres assigned		<u>Utah</u>
LOCATION TO NEARES PROPERTY OR LEASE (Also to nearest dr)	LINE, FT.	776 <b>'</b>	1	25 <b>60</b>	-	TOT	HIS WELL 160		
18. DISTANCE FROM PRO	POSED LOCATION*	770	19. PI	OPOSED DEPT	<u> </u>	20. ROTA	RY OR CABLE TOOLS	3	
OR APPLIED FOR, ON TH	DRILLING, COMPLETED, HIS LEASE, FT.			849 <b>0'</b>		1	Rotary		: [15]
21. ELEVATIONS (Show wh		.)				•	22. APPROX. DA	re work	WILL START*
7326' Ungr.	GR						Summer	1981	<u> </u>
23.		PROPOSED CASI	NG AN	CEMENTIN	IG PROGRA	м 🤈 :	医弹性性 善美	jä	i ja
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER	FOOT	SETTING	DEPTH	<u> </u>	QUANTITY OF	CEMENT	7.5
24"	20" new	.250 Wall	line	pipe	40'	Cemer	nt to surface	ce	
12½"	9-5/8" new	36# K55 S7	C		250'		sacks.		
8-3/4"	7" new	23#, K55 L			2700'		equired.		
6-1/8"	14½" new	111.6# N80	LTC	ľ	TD '	' As re	equired.		
/", 23.0#, K section of t will be eval program and times as ind tion is encounted protection or other potentials.	poses to dril -55 intermedi he Green Rive uated and repa all applicabla icated in the untered, 4½", ect all poten ential hazard	ate casing wir formation. orted. The verted The verted Preserved P	All be All well well well well well we see the control of the cont	e run and water f vill be de dequate de Contro uction co interva	d cement lows and operated 30P equi I Specif asing wi Is. No	ted to disignate accomplishing the second se	protect the ificant hydroding to the will be made on the man and cernal pressure	e oil rocar e att intai nmerc nente es or	shale bon shows ached wel ned at al ial produ d to ade- temperat
IN ABOVE SPACE DESCRIB zone. If proposal is to preventer program, if an 24.	drill or deepen direct	tionally, give pertiner	nt data o		locations an	d measure CIL,			
SIGNED R.D.	Dethlefsen		TLE				DATE	AL LI	
(This space for Fed	eral or State office use	•)		APPROVAL DA	TE	7527			
APPROVED BY (OF	RIG. SGD.) R. A. J	HENRICKS T	FOR	E. W. GU		R ·	DATE	AY 1	8 1981
CC: USGS; U	val, if any: T Div. OG&M (	Operations Su	pt.;	ERHenry	; CTClar	·k		[ <b>5</b>	

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A CONDITIONS OF APPROVAL ATTACHED DATED 1/1/80 TO OPERATOR'S COPY

NOTICE OF APPROVAL & C.

## T/4S, R24E, S.L.B.& M.



X = SECTION CORNERS LOCATED

### PROJECT

## NATURAL GAS CORP. OF CALIF.

Well location, N.G.C.# 42-23, located as shown in the SE I/4 NE I/4 Section 23 TI4S, R24E, SLB.&M. Uintah County, Utah.

NOTE: BASIS OF BEARINGS IS FROM SOLAR OBSERVATIONS OF THE SUN



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION Nº 3137

Rev. 1/15/81

UINTAH ENGINEERING & LAND SURVEYING
P O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	DATE 12/11/80			
PARTY RK, BK DD	REFERENCES GLO PLAT			
WEATHER CLOUDY & COLD	FILE NATURAL GAS CORP. CALIF.			

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH DISTRICT ENGINEER, OSG, SALT LAKE CITY, UTAH LEASE NO. U - 10133 APD MINERAL EVALUATION REPORT OPERATOR: Matural Gas Corp. WELL NO. 42-23 LOCATION: C & SE & NE & sec. 23, T. 145, R. 24E, SIM Mintch county, Utah 1. Stratigraphy: Grean River surface Mesowerde 2405 Datota Silt 8035 44901 Castlegite 47201 4850 Mancos B 59901 Base of B 2. Fresh Water: Fresh water may be present in Green River near-surface sandstones. 3. Leasable Minerals: Coal: Mesaverde. (3700' to 4100') Oil Shale: Green River. The Mahogany zone will either occur at surface or has been eroded away (i.e. will spud below it). Other oil shale zones may occur from 0 to ~ 2000'. Gasloil: Mancos B, Dateta Silt 4. Additional Logs Needed: A dequate

- 5. Potential Geologic Hazards: None expected
- 6. References and Remarks:

Identification	CER/EA N	No. 4	09-81
Identification	OPIC PIE	10.	0,0=

United States Department of the Interior Geological Survey 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, Utah 84104 --

### NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICA	TION	•
	al Gas Corporation of	California
Project Type Gas		
Project Location _	1987' FNL 776' FEL	Section 23, T. 14S, R. 24E
Well No. 42-23	I	Lease NoU-10133
Date Project Submi	ttedApril 13, 1981	
FIELD INSPECTION	Date <u>May</u> 5, 198	
Field Inspection Participants	Greg Darlington	USGS, Vernal
	Cory Bodman	BLM, Vernal
	Karl Wright	BLM, Vernal
	Bill Ryan	Natural Gas Corporation of California
·	Leonard Heeney	Ross Construction
Related Environmer	ntal Documents: Unit	Resource Analysis, Seep Ridge Planning
Unit, BLM, Vernal		:
guidelines. This fore, does not rep	proposal would not in	nce with the categorical exclusion review volve any significant effects and, there- to the categorical exclusions.
		•

Typing Out

Typing In

### PROPOSED ACTIONS:

Natural Gas Corporation of California plans to drill the Sweetwater Canyon #42-23 well, an 8490' gas test of the Mancos B and Dakota Formations. A new access road of about 400' length will be required. A pad 175' by 325' and a reserve pit 100' by 150' are requested for this location.

### RECOMMENDED REQUIREMENTS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

- 1. BLM Stipulations
- 2. Lease Stipulations
- 3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

### FIELD NOTES SHEET

Date of Field Inspection: May 5,1981-
Well No.: 42-23 NGCC. Sweetwater Canyon
Lease No.: U-10133
Approve Location:
Approve Access Road: Modify Location or Access Road: Shares the 400 foot access road
Modify Location or Access Road: Shares the 10 get of seces medel with a Coseka well 6-13-14-24 (1.5 miles of seces medel
with a Coseka will of I little not
by loseka). The loseka well has not been submitted yet.

Evaluation of Criteria for Categorical Exclusion

- 1. Public Health and Safety
- 2. Unique Characteristics
- 3. Environmentally Controversial Items
- 4. Uncertain and Unknown Risks
- 5. Establishes Precedents
- 6. Cumulatively Significant
- 7. National Register Historic Places
- 8. Endangered/Threatened Species
- Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Located in a burnt off area pite will be below the livel of the pad

### CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

:	Criteria	Corre- spondence	Al/State Ap Phone check	Meeting	Local and private correspondence	Previous	Other studies and	.Staff	Onsite inspection	
	516 DM 2.3.A	(date)	(date)	(date)	(date)	NEPA	reports	expertise	(date)	Other
1.	Public health and safety							1,2,4,6	5-5-81	
2.	Unique characteristics						1 4 2 2 1	·		
3.	Environmentally controversial									
4.	Uncertain and unknown risks									
5.	Establishes precedents									
6.	Cumulatively significant								1	•
7.	National Register historic places	·								
8.	Endangered/ threatened species		`							
9.	Violate Federal, State, local, tribal low							•		

## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

- Surface Management Agency Input
- Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
- 3. Lease Stipulations/Terms
- 4. Application Permit to Drill
- 5. Operator Correspondence
- 6. Field Observation
- 7. Private Rehabilitation Agreement
- 8. USGS conditions of approval.

IN REPLY REFER TO



## United States Department of the Interior

T & R U-802

BUREAU OF LAND MANAGEMENT VERNAL DISTRICT OFFICE 170 South 500 East Vernal, Utah 84078

May 6, 1981

Ed Guynn, District Engineer USGS, Conservation Division 2000 Administration Building 1745 West 1700 South Salt Lake City, Utah 84104

Re: Natural Gas Corporation of California, Well #31-15 Sec 15, T14S, R24E, Well #42-23 Sec 23, T14S, R24E Uintah County, Utah

Dear Mr. Guynn:

A joint examination was made on May 5, 1981, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

- Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
- 2. Traveling off access road rights-of-way will not be allowed. The maximum width of access road (both existing and planned) will be 30 feet total disturbed area, except where backslopes and fills require additional area. Turnouts will not be required. The road will be crowned and bar ditches will be installed where necessary.
- It was agreed upon by all parties present that the applied for pad sizes are of adequate size to handle all drilling and fracturing operations.
- 4. The BLM must be contacted at least 24 hours prior to any construction activities.
- 5. The BLM will be contacted at least 24 hours prior to any rehabilitaion activities. The operator may be informed of any additional needed seeding and restoration requirements.



- 6. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained and hauled to an approved disposal site.
- 7. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
- 8. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled separately from the topsoil. These piles will be located between corners #3 and #4 and/or #6 and #7 and both locations.
- 9. The top 6-8 inches of topsoil will be stockpiled as addressed in the applicants APD.

Both locations are located in a Winter shut down location. Exploration, drilling and other development activity will be allowed only during the period from April 30 to November 1. This limitation does not apply to maintenance and operation of producing wells. Exceptions to their limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with concurrence of the District Manager, Bureau of Land Management.

The proposed activities do not jeopardize any cultural resources. The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna or their habitats.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,

Dean L. Evans Area Manager

Bookcliffs Resource Area

usus, Vernal

June 12, 1981

Natural Gas Corposation of California 85 South 200 East Vernal, Utah 84078

Well No. Sweetwater Canyon Unit 42-23 Sec. 23, T. 14S, R. 24E, SE NE Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer

Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30976.

Sincerely.

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder

Petroleum Engineer

MI Minde

MTM/ko cc: USGS

### \*\* FILE NOTATIONS \*\*

DATE:_	Jane 18, 1981
OPERAT	FOR: Natural Bas Corp. of Ca.
WELL N	10: Sweetwater Canyon Unit 42-23
Locati	ion: Sec. <u>23</u> T. <u>145</u> R. <u>248</u> County: <u>Uintah</u>
File F	Prepared: Thered on N.I.D:
Card 1	Indexed: Completion Sheet:
	API Number 43-047- 30976
CHECKE	ED BY:
F	Petroleum Engineer: M.J. Musker 6-10-8/
-	
[	Director:
_	
<i>p</i>	Administrative Aide: M Sweetwater Canyon Unit/of
-	
APPROV	/AL LETTER:
E	Bond Required: Survey Plat Required:
C	O.K. Rule C-3
K	Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site
. 1	Lease Designation Head Plotted on Map
	Approval Letter Written
f	tot Line P.I.

## UNITED STATES DEPARTMENT OF THE INTERIOR

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GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME "
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	Sweetwater Canyon
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME -
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well well other	9. WELL NO. = = = = = = = = = = = = = = = = = = =
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Natural Gas Corporation of California	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Wildcat
85 South 200 East, Vernal, UT 84078	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
	Section 23, T14S, R24E
below.) AT SURFACE: 1987' FNL, 776' FEL, SE NE	12. COUNTY OR PARISH 13. STATE
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AT TOTAL DEPTH:	
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16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
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SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9–330.)
MULTIPLE COMPLETE	
CHANGE ZONES	그는 전체 그는 그 무료상품이 되는 살아왔다. 불편
ABANDON*	그는 집에 가는 가지 하는 지하는데 그를 먹었는데 그렇게
(other) Change casing program	그는 원산 그 그 그 축합식과 그 한 교육 호황 그는 그
X	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is discovered to the control of	e all pertinent details, and give pertinent dates, irectionally drilled give subsurface locations and
measured and true vertical depths for all markers and zones pertinen	t to this work.)* こととも と ヨーある
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Operator proposes to change the intermediate	casing from $9-5/8$ ", $36\#$ , $K-55$ ,
new, to 9-5/8", 43.5#, N-80, used, due to sa	lvaged casing from another well-
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cc: USGS; Div. OG&M Operations Supt.; E. F	R. Henry 플로플링크 (그 홋콜크)
	्राच्या १५ वर्षा १५ व

### NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573

August 10, 1981



Mr. E. W. Guynn Geological Survey-Conservation Div. 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104 DIVISION OF OIL, GAS & MINING

Mr. Michael T. Minder
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, UT 84116

Re: NGC #42-23 Federal Section 23, T14S, R29E Uintah County, Utah

### Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Notification of Spud Date, for the above referenced well.

Sincerely,

Rick Canterbury Associate Engineer

/kh

Attachment

cc: Operations Supt.

C. T. Clark E. R. Henry

# DEPARTMENT OF THE INTERIOR

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eservoir. Use Form 9-331-C for such pr	oposais.)	11197 2 130	8.		EASE NAME	į	1 5	
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85 South 200 East, \			11.	SEC., I., R	., M., OR BLK	AND	SURVEY (	OR
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## NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573

September 9, 1981

Mr. E. W. Guynn Geological Survey-Conservation Div. 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Mr. Michael T. Minder Division of Oil, Gas & Mining 1588 West North Temple Salt Lake City, UT 84116

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206 Coseka Resources (USA) Ltd. 718 17th Street, Suite 630 Denver, CO 80202

Mr. Bernard Perry Mono Power Company P.O. Box 800 Rosemead, CA 91770

Re: NGC #42-23 Federal

SE NE Section 23, T14S, R24E

Uintah County, Utah Sweetwater Canyon Unit

### Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Subsequent Report of Commencement of Drilling Operations, for the above referenced well.

Yours truly,

William A. Ryan Petroleum Engineer

Kyan

/kh

Attachment

cc: Operations

C. T. Clark (Cover Letter Only)

E. R. Henry

	Form Approved.
٠	Budget Bureau No. 42-R1424

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40 047 0	0076	1 <del></del>		
43-04/-3	U976 🦭	1, 10		
43-047-3 15. ELEVATION		KD	B. AND WD	-
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	S (SHOW DF,	KD	B, AND WD	- )
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SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different	Sweetwater Canyon
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas 🕅	Federal
well well other	9. WELL NO.
2. NAME OF OPERATOR	1 42-23
Natural Gas Corporation of California	10. FIELD OR WILDCAT NAME 5
3. ADDRESS OF OPERATOR Telephone 801-789-4573	Sweetwater Canyon
85 South 200 East, Vernal, UT 84078	11. SEC., T., R., M., OR BLK. AND SURVEY O
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
helow)	Section 23, T14S, R24E
AT SURFACE: 1987' FNL, 776' FEL, SE NE Sec. 23,	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: T14S, R24E	
AT TOTAL DEPTH:	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	- [ - 17 집합시 110 ] - 지금 그는 이 가는 것 되었다.
REPORT, OR OTHER DATA	43-047-30976
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WE
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	7326' Ungr. GR.
TEST WATER SHUT-OFF \( \begin{array}{cccccccccccccccccccccccccccccccccccc	
FRACTURE TREAT	
SHOOT OR ACIDIZE	그는 그 회에 가는 그를 잃었다.
REPAIR WELL	(NOTE: Report results of multiple completion or zon
PULL OR ALTER CASING 🗍	change on Form 9–330.)
MULTIPLE COMPLETE	그는 그렇게 되는 얼청가원이 최근원인식량이
CHANGE ZONES	그 그 그렇게 하는 사람들이 취취하는 것이 없는 것이 없는 것이 없는 것이 없는 것이다.
ABANDON*	그는 그들은 그들이 그들되었다. 그들이 불문했중요
(other) Commencement of Drilling X	
Operations  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertiner	directionally drilled, give subsurface locations ar
Operator commenced drilling operations 9/7/81	at 1 p.m. 5 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
•	三十二年 - 一、林恵計奏以一、九、安庭出版。
	그는 그런 그는 항공원들은 싫으시고 한없다.
	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
	one of the same against the State S
	그 그 전 이 그는 사람이 되었다.
	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그
Subsurface Safety Valve: Manu. and Type	Set @
•	Set @
18. I hereby certify that the foregoing is true and correct  SIGNED WM 1990 TITLE Petroleume En	Set @
18. I hereby certify that the foregoing is true and correct  SIGNED	
18. I hereby certify that the foregoing is true and correct  SIGNED William A Ryan  TITLE Petroleume En	

NOTICE OF SPUD
NOTICE OF SPUD
Caller: Del Repair
Phone:
Vell Number: 42-23
Well Number: 42-23
ocation: <u>SENE 23-145-24E</u>
County: Membah State: 1/4/4
_ease Number:
_ease Expiration Date:
Init Name (If Applicable): Surcet Water Manyon
Date & Time Spudded: 7/25/8/
Gry Hole Spudder/Rotary:
Details of Spud (Hole, Casing, Cement, etc.)
Set conductor pipe · 80 feet
Rotary Rig Name & Number: <u>Olacii #5</u>
Approximate Date Rotary Moves In: 100 P.M. 5/7/81
FOLLOW WITH SUNDRY NOTICE
Call Received By: <u>//c/a</u>
Date: 9/5/51
SEP 1 0 1981

DIVISION OF OIL, GAS & MINING

ON Tile

### NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078 (801) 789-4573

November 17, 1981

Mr. E. W. Guynn Geological Survey-Conservation Div. 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Mr. Michael T. Minder Division of Oil, Gas, & Mining 1588 West North Temple Salt Lake City, UT 84116

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206 Coseka Resources (USA) Ltd. 718 17th Street, Suite 630 Denver, CO 80202

Mr. Bernard Perry Mono Power Company P.O. Box 800 Rosemead, GA 237

> DIVISION OF OIL, GAS & MINING

NOV 2 3 1981

Re: NGC #42-23 Federal
SE NE Section 23, T14S, R24E
Uintah County, Utah
Sweetwater Canyon Unit

### Gentlemen:

Attached are copies of the Core Analysis Report from Core Laboratories, Inc., for the above referenced well.

Sincerely,

W. A. Ryan Petroleum Engineer

/kh

Attachment

cc: Operations

C. T. Clark (Cover Letter Only)

J. Langman

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

NATURAL GAS CORP. OF CALF.

NGC 42-23 WILDCAT UINTAH COUNTY, UTAH

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC. Petroleum Reservoir Engineering

DALLAS, TEXAS

NATURAL GAS CORP. OF CALF.

MGC 42-23 WILDCAT

UINTAH COUNTY, UTAH

DATE : 10-20-81 FORMATION : DAKOTA

DRLG. FLUID: CHEM GEL

LOCATION : SE NE SEC 23-T14S-R24E

SIDEWALL CORE ANALYSIS DATA

FILE NO : RF-2-6711

PAGE

ANALYSTS : FD

ELEVATION: 7348'KB

SAMPLE NUMBER	DEFTH	PERM Ka MAXIMUM	POR. FLD	FLUID	SATS. WTR	GRAIN DEN	DESCRIPTION
	8380.2-00.0 8382.1-00.0						UNSUITABLE FOR ANALYSIS UNSUITABLE FOR ANALYSIS
1.	8384.1-00.0	0.90	11.7	0.0	41.9		SAND GRAY F-MG SHALY
2	8390.2-00.0 8404.9-00.0	2.60	13.0	0.0	48.5	2.65	SAND GRAY F-MG SHALY UNSUITABLE FOR ANALYSIS
3	8413.9-00.0	8.70	15.0	0.0	62.7	2.65	SAND GRAY F-MG
Ą	8418.8-00.0 8430.0-00.0	2.20	11.7	0.0	62.4	2,65	SAND GRAY F-MG UNSUITABLE FOR ANALYSIS
5	8433.1-00.0 8436.1-00.0 8438.0-00.0	17.	18.4	0.0	44,6		SAND GRAY F-MG UNSUITABLE FOR ANALYSIS UNSUITABLE FOR ANALYSIS
6	8449.8-00.0	0.10	20.4	0.0	71.1		SILT GRAY VEG
7	8451.1-00.0	0.20	19.4	0.0	66.5	2,69	SILT PINK VFG
8	8601.9-00.0	0.20	19.1	0.0	8.6	2,66	SILT GRAY VFG
9	8611.9-00.0	0.20	8+8	0.0	60.2		SAND GRAY VF-FG SILTY

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility, and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771 February 2, 1982

Natural Gas Corporation of California 85 South 200 East Vernal, Utah 84078

Re: See attached

### Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

Cari Furse

Clerk Typist

Well No. Sweetwater Canyon Unit #31-15 Sec. 15, T. 14S, R. 24E Uintah County, Utah (July 1981- December 1981)

Well No. Sweetwater Canyon Unit 42-23 Sec. 23, T. 14S, R. 24E Uintah County, Utah (September 1981- December 1981)

Well No. Federal #1-5 Sec. 5, T. 10S, R. 23E Uintah County, Utah (April 1981- December 1981)

Well No. Federal #21-11 Sec. 11, T. 16S, R. 24E Grand County, Utah (October 1981- December 1981)



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 5, 1982

Natural Gas Corp. Of Cal. 85 South 200 East Vernal, Utah 84078

Re: See attached

### Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

\*\* If we do not hear from your office within fourteen days, this file will be turned over to the attorney at the Division of Oil, Gas and Mining for legal action.

Thank you for your cooperation relative to the above.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse Clerk Typist Well No. Sweetwater Canyon Unit #31-15 Sec. 15, T. 14S, R. 24E. Uintah County, Utah (January- February 1982)

Well No. Sweetwater Canyon Unit #42-23 Sec. 23, T. 14S, R. 24E. Uintah County, Utah (January- February 1982)

Well No. Federal #1-5 Sec. 5, T. 10S, R. 23E. Uintah County, Utah (January- February 1982)

Well No. Federal #21-11 Sec. 11, T. 16S, R. 24E. Grand County, Utah (January- February 1982)

### NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East Vernal, Utah 84078

April 8, 1982

Ms. Carie Furse Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, UT 84114

Mr. E. W. Guynn Minerals Management Service 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, UT 84104

Coseka Resources (USA) Ltd. 718 17th Street, Suite 630 Denver, CO 80202

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206

Mr. Bernard Perry Mono Power Company P.O. Box 800 Rosemead, CA 91770

Re: NGC #42-23 Federal

SE NE Section 23, T.14S., R.24E.

Uintah County, Utah Sweetwater Canyon

### Gentlemen:

Attached are copies of Form OGC-1B, Sundry Notices and Reports on Wells, Notification of Well Status, for the above captioned well.

Sincerely,

Rick Canterbury Associate Engineer

Rick Canter kung

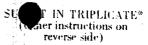
/kh

Attachment

cc: Operations

C. T. Clark E. R. Henry

# STATE OF UTAH



DEPART	MENT OF NATURAL RES	SOURCES re	verse side)
	ION OF OIL, GAS, AND I		5. LEASE DESIGNATION AND SERIAL NO.
			U-10133
(Do not use this form for propo Use "APPLIC	TICES AND REPORTS peals to drill or to deepen or plu ATION FOR PERMIT—" for such	ON WELLS g back to a different reservoir. proposals.)	6. IF INDIAN, ALLOTTER OR TRIBE NAME
1. OIL GAS XX			7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			Sweetwater Canyon
Natural Gas Corporatio	n of California		8. FARM OR LEASE NAME Federal
3. ADDRESS OF GPERATOR			9. WELL NO.
85 South 200 East, Ver	nal, UT 84078 Tel	ephone 801-789-4573	
See also space 17 below.) At surface	rearry and in accordance with a	Ly State requirements.	10. FIELD AND POOL, OR WILDCAT
1987' FNL, 776' FEL, S	F NF Section 22 T 1	AC DOAE	Wildcat 11. SEC., T., E., M., OR BLE. AND
, , , , , , , , , , , , , , , , , , ,	L NL Section 23, 1.1	43., K.24E	SUBVEY OR ARRA
14. PERMIT NO.			Sec. 23, T14S, R24E
	7326 Ungr. Gr.	DF, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
is. Cl. I A			Uintah   Utah
Cneck Ap	ppropriate Box To Indicate	· ·	_
NOTICE OF INTEN	ITION TO:	81	UBSEQUENT REPORT OF:
	PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF	REPAIRING WELL
	ABANDON®	FRACTURE TREATMENT SHOUTING OR ACIDIZING	ALTERING CASING
	CHANGE PLANS	(Other)	ABANDONMENT*
(Other) Notification of W	Well Status X	(NOTE: Report r	esults of multiple completion on Weil
The subject well has be been suspended.	en drilled to TD bu	t has not been comp	leted. Operations have
		<u>.</u>	
			<u> </u>
		:	;; ;
	,	¥ .	
	` .i		
		i	
18. I hereby cereffy that the foregoing is			
SIGNIED THE STATE OF THE STATE	Duny TITLE A	ssociate Engineer	DATE April 8, 1982
(This space for Federal or State office	$-\sigma$	Associate Engineer	DATE April 8, 1982
	ce use) TITLE	ASSOCIATE Engineer	DATE

cc: Minerals Management Ser.; Div. OG&M; DeGolyer; Coseka; Mono; Operations; CTClark; ERHenry \*See Instructions on Reverse Side

Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1983

Natural Gas Corporation of California 85 South 200 East Vernal, Utah 84078

> Re: Well No. Federal # 1-5 Sec. 5, T. 10S, R. 23E. Uintah County, Utah

> > Well No. Dry Burn Un. St. #11-36 Sec. 36, T. 13S, R. 25E. Uintah County, Utah

Well No. Sweetwater Cny Un # 42-23 Sec. 23, T. 14S, R. 24E. Uintah County, Utah

### Gentlemen:

The above referred to wells have been under an operation suspended status for six months or longer. Please inform this office of the current status of these well locations or what operations are currently being performed on this well. Enclosed please find Form OGC-1B (Sundry Notices and Reports on Wells), that you may use to inform our office of the matter requested above.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self-addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a <u>firm</u> second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Well Records Specialist

Natural Gas Corporation of California

GC NGC

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

May 18, 1983

Mr. E. W. Guynn Bureau of Land Management Oil and Gas Operations 1745 West 1700 South, Suite 2000 Salt Lake City, UT 84104

Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, UT 84114

Mr. Bob Gilmore DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206

Re: NGC #42-23 Federal Section 23, T.14S., R.24E. Uintah County, Utah Sweetwater Canyon Coseka Resources (U.S.A.) LTD. 1512 Larimer St., Suite 200 Denver, CO 80202-1602

Mr. Bernard Perry Mono Power Company P.O. Box 800 Rosemead, CA 91770

### Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Report of Well Status, for the subject well.

Sincerely,

Lick Canterbury
Rick Canterbury
Associate Engineer

/kh

Attachment

cc: Operations E. R. Henry C. T. Clark

## Form Approved.

UNITED 5	INIES
DEPARTMENT OF	THE INTERIOR
GFOLOGICAL	SURVEY

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	U-10133
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331–C for such proposals.)	7. UNIT AGREEMENT NAME 是
1. oil  gas  ra	8. FARM OR LEASE NAME Federal
well well other  2. NAME OF OPERATOR	9. WELL NO. 42-23
Natural Gas Corporation of California  3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME Wildcat
85 South 200 East, Vernal, UT 84078 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY C
below.)	Sec. 23, T.14S., R.24E.
AT SURFACE: 1987' FNL, 776' FEL, SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> AT TOP PROD. INTERVAL: Sec. 23, T.14S., R.24E.	12. COUNTY OR PARISH 13. STATE Uintah Utah
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	14. API NO.
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WI
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	7326' GR
TEST WATER SHUT-OFF	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zo
PULL OR ALTER CASING 🗍	change on Form 9–330.)
MULTIPLE COMPLETE	
ABANDON* (other) Report Well Status	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertinent.  The subject well has been drilled to T.D. but	lirectionally drilled, give subsurface locations and to this work.)*
have been suspended.	
DEGETAR	
MAY 20 1983	
OF OU CAS & MINING	
DIV. OF OH., BAS & MINING	
Subsurface Safety Valve: Manu. and Type	Set @
18. I hereby certify that the foregoing is true and correct	
SIGNED TICK Canterbury TITLE ASSOCIATE EI	
(This space for Federal or State off	fice use)
APPROVED BY TITLE TITLE	DATE
CONDITIONS OF AFFROVAL, IF ANT:	

BLM-Oil and Gas Operations; Div. OG&M; Operations; CTClark; ERHenry; Coseka; DeGolyer; Mono

Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 22, 1983

Natural Gas Corporation of California 85 South 200 East Vernal, Utah 84078

> RE: Well No. Federal #42-23 1987' FNL, 776' FEL SE NE Sec. 23, T. 14S, R. 24E. Uintah County, Utah June - December 1983

### Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones

Well Records Specialist

CJ/cj Enclosure

### DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(See other instructions on reverse side)

1				
ide)	5. LEASE DESIGNATION	AND	SERIAL	N
·	11-10133			

5.	LEASE	DESIG	NATION	AND	SERIAL	NO
1	11_10	122				

WELL COM	APLETION	OR RECOMP	LETION R	EPORT A	AND LO	3*	6. IF INDIAN,	ALLOTTEE OR	TRIBE NAME
a. TYPE OF WELL	: OIL WELI	GAS WELL	DRY C	ther			7. UNIT AGREE	MENT NAME	
b. TYPE OF COMP	LETION:						Sweetwa	ter Cany	on
	WORK DEEF	PLUG BACK	DIFF. C	other Pend	ing compl	etion	S. FARM OR LI	CASE NAME	
2. NAME OF OPERATO					3. a		Federal	**	·
Natural Gas	s Corporat	ion of Calif	ornia	.,		·	9. WELL NO. 42-23	H ,	
3. ADDRESS OF OPERA		- 1 UT O	4070 T-1-		01 700 45	70		DOOT ON WELL	(DOATE
		ernal, UT 8				/3	Wildcat	POOL, OR WII	LDCAT
4. LOCATION OF WELL At surface 1987		6' FEL, SE <sup>1</sup>					11. SEC., T., R. OR AREA	, M., OR BLOCK	AND SURVEY
At top prod. inter	rval reported bel	ow					Sec. 23	<b>,</b> Ţ.14S.	, R.24E.
At total depth			ţ · ·		1 1				
		1	14. PERMIT NO.	1	DATE ISSUED		12. COUNTY OF	13.	STATE
				· <u> </u>	4.		Uintah	1 2	<u>Utah</u>
5. DATE SPUDDED	16. DATE T.D. RI	CACHED   17. DATE C	OMPL. (Ready to	prod.) 18	. ELEVATIONS (I	of, RKB, R	T, GR, ETC.)*	19. ELEV. CA	SINGHEAD
9-1-81-00	10-21-81	SI_Pend	ing Comple	<u></u>	7326				
0. TOTAL DEPTH.	TVD 21. PLUG	BACK T.D., MD & TVD	22. IF MULT	TIPLE COMPL.	, 23. INT	ERVALS LLED BY	ROTARY TOOL	B CABI	LE TOOLS
8650'						<u>→                                    </u>	0-TD	105 = 15 5	
4. PRODUCING INTERV	VAL(S), OF THIS	COMPLETION-TOP, B	OTTOM, NAME (M	D AND TVD)*	•			ZD. WAS E SURVE	IRECTIONAL Y MADE
				•				NI.	
Not comple					1			NO 27. WAS WELI	CORED
6. TYPE ELECTRIC AT DI-SFL, BH		yberlook, CN	F-DBC, Dip	ometer				No_	
8.		CASING	RECORD (Rep.	ort all string					
CASING SIZE	WEIGHT, LB./	FT. DEPTH SET	(MD) HOI	E SIZE	·	MENTING		AMOU	NT PULLED
9-5/8"	43.5#	280	12-	-1/4	155 sx 0	lass	"G"		
4-1/2"	11.6#	8650	8-	-1/2	565 sx H	lowco	50-50		1 %
			<u> </u>				· · · · · · · · · · · · · · · · · · ·		
9.		LINER RECORD			30.		TUBING RECO		
SIZE	TOP (MD)	BOTTOM (MD) S	ACKS CEMENT*	SCREEN (M	ID) SIZE		DEPTH SET (MI	) PACKE	R SET (MD)
						_			
	]				1000		ARM	Wales.	тс.
1. PERFORATION REC	ORD (Interval, 81	ze una number)		32.	ACID, SHO				USED
None				DEPTH IN	TERVAL (MD)		OUNT AND KINI	OF MAINE	CSED
				ļ	1.1	HH-	JAN 1 2 19	<b>184</b>	
						ŀ  <del>\\<b>I</b> </del>	0.01 1 2 10	<del>~      </del>	
						U UL	200		ļ
33.*	X		PRO	DUCTION	<u>-</u>	UIV. U	<del>f uil, gas 8</del>	MINING	
ATE FIRST PRODUCT	ION   PROD	UCTION METROD (Flo			and type of pu	ımp)		STATUS (Prod	ucing or
None	No	ne				* *		<sub>t-in)</sub> Pending C	ompletio
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N, FOR TEST PERIOD	OIL—BBL.	GASX	MCF.	WATER-BBL		RATIO
FLOW. TUBING PRESS.	CASING PRESSU	RE   CALCULATED	OIL—BBL.	GAS-	-мсғ.	WATER-	BBL.	OIL GRAVITY-	API (CORR.)
		24-HOUR RATE	1		•		1 1		
34. DISPOSITION OF G	AS (Sold, used for	r fuel, vented, etc.)	ı		.	<u> </u>	TEST WITNES	SED BY	
· .									, and
35. LIST OF ATTACH	MENTS			<u> </u>	<del></del>			: -	
		12.0					1 :		
36. I hereby certify	that the foregoi	ing and attached inf	ormation is com	plete and cor	rect as determi	ined from	all available r	ecords	
100	IM Rum	•					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1/5/04	
SIGNED W	1700		TITLE _				DATI	E <u>1/5/84</u>	<del></del>

# NSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal submitted, a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not fled prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see Item 35.

11 there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. or Federal office for specific instructions.

litems 22 and 24: If this well is completed for separate-production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s). (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each

additional interval to be separately produced, showing the additional data pertinent to such interval. "Sacks Cementing and the location of the cementing tool." Sacks Cementi": Attached supplemental receipts for this well should show the details of any multiple stage cementing and the location of the cementing tool. (See Instruction for items 22 and 24 above.) Submit a separate completion report on this form for each interval to be separately produced. tem 29:

	TRUE VERT. DEPTH		
TOP	MEAS. DEPTH TRU	4458' 4715' 5415'	
	NAM K	Castlegate Mancos Base of Mancos B	
SHOW ALL IMPORTART FOURS OF POROSITY AND CONTENTS THEREOF, CONTENTS AND FRECOVERIES DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUTIN PRESSURES, AND RECOVERIES  DESCRIPTION, CONTENTS, ETC.			
TOOL OPEN, FLOWIN			
VOROBITY AND CONTROL TO ROTTOM	1		
AL TESTED, CUSHION			
SHOW ALL IMI	FURMATION		

Div. OG&M; Coseka; Mono; DeGolyer; Operations; CTClark; ERHenry; SFurtado; RBoschee; PSmith; JMKunz; U.S. GOVERNMENT PRINTING OFFICE: 1963-O-683636

MClarke;

GP 0 870-401



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 7, 1984

Natural Gas Corporation of California 85 South 200 East Vernal, Utah 84078

Gentlemen:

Re: Well No. Federal 42-23 - Sec. 23, T. 14S., R. 24E. Uintah County, Utah - API #43-047-30976

The above referred to well has been under an operation suspended status for six months or longer. Please inform this office of the current status of this well location or what operations are currently being performed on this well. Enclosed is Form OGC-lb, "Sundry Notices and Reports on Wells" that you may use to inform our office regarding this matter.

Thank you for your prompt attention to the above matter.

Sincerely,

Claudia Jones

Well Records Specialist

Claudia Jones

clj Enclosure cc: Dianne R. Nielson Ronald J. Firth John R. Baza File 00000012/12 NGC

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

November 15, 1984

Bureau of Land Management Branch of Fluid Minerals Vernal District 170 South 500 East Vernal, UT 84078

Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, UT 84114

Mr. John Baker DeGolyer & MacNaughton No. 1 Energy Square Dallas, TX 75206

Re: NGC #42-23 Federal
Section 23, T.14S., R.24E.
Uintah County, UT
Sweetwater Canyon Unit

Coseka Resources (U.S.A.) LTD. 1512 Larimer St., Suite 200 Denver, CO 80202-1602

Mr. Bernard Perry Mono Power Company P.O. Box 800 Rosemead, CA 91770



DIVISION OF Oil, GAS & MINING

### Gentlemen:

Attached are copies of Form 3160-5, Sundry Notices and Reports on Wells, Report of Well Status, for the subject well.

Yours truly,

W. A. Ryan

Petroleum Engineer

William a Ray

/kh

Attachment

cc: H. Myers
Land Dept.
L. Jorgensen
S. Furtado

85 South 200 East Vernal, Utah 84078 (801) 789-4573 Form 3160-5 (November 1983) (Formerly 9-331)

(Other)

## DEPARTMENT OF THE INTERIOR (Other in verse side) BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL

Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-10133

SUNDRY	<b>NOTICES</b>	AND	<b>REPORTS</b>	ON	WELLS	*

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

	Use "APPLICATION FOR I	PERMIT— for such proposa	18.)	ı	
1.				7. UNIT AGREEMENT NAME	
	WELL GAS OTHER		•	Sweetwater Can	yon
2.	NAME OF OPERATOR		1	8. PARM OR LEASE NAME	
	Natural Gas Corporation of Ca	lifornia		Federa1	
3.	ADDRESS OF OPERATOR			9. WELL NO.	
	85 South 200 East, Vernal, UT			42-23	
4.	LOCATION OF WELL (Report location clearly and in	accordance with any State	requirements.*	10. FIELD AND POOL, OR WI	LDCAT
	See also space 17 below.) At surface			Wildcat	
	1987' FNL, 776' FEL, SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>		•	11. SBC., T., R., M., OR BLK. SURVBY OR ARMA	AND
				Sec. 23, T.14S	., R.24
14.	PERMIT NO. 15. ELEVAT	tons (Show whether DF, RT, G	R, etc.)	12. COUNTY OR PARISH 13	. STATE
	43-047-30976	7326' GR		Uintah	Utah
16.	Check Appropriate	Box To Indicate Natur	e of Notice, Report, or (	Other Data	
	NOTICE OF INTENTION TO:		SUBBEC	QUENT REPORT OF:	
	TEST WATER SHUT-OFF PULL OR ALTE	ER CASING	WATER SHUT-OFF	REPAIRING WELL	
	FRACTURE TREAT MULTIPLE CO.	MPLETE	PRACTURE TREATMENT	ALTERING CASING	
	SHOOT OR ACIDIZE ABANDON*		SHOOTING OR ACIDIZING	ABANDON MENT*	
	REPAIR WELL CHANGE PLAN	s	(Other) Well Stati	us	X_

(Norz: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator reports the status of the subject well as "shut-in" pending reevaluation of economic capability.

> "Operations Suspended" NOV 20 1984

> > DIVISION OF OIL, GAS & MINING

		Co.		
8. I hereby certify that the foregoing is true and correct				
SIGNED William a Kyan	TITLE	Petroleum Engineer	DATE Nov. 15	, 1984
William A. Ryan //				
(This space for Federal or State office use)				
APPROVED BY	TITLE _		DATE	

Form 3160-5 (November 1983) (Formerly 9-331)

16.

# UNITED STATES SUBMIT I OCTOBER 10. OCTOBER

SUBMIT IN TRIP TE (Other instruction of reverse side)

Form approved. Budget Bureau No. 1004-013! Expires August 31, 1985

5. LEASE DESIGNATION AND SECIAL NO.

6. IF INDIAN, ALLOTTEE OR TEIBE NAME

U-10133

,	SUNDRY	NOTICES	AND	REPORTS	ON	WELLS	
4	this form	for proposale to	Artill or fo	deepen or plug	hack to	a different	reservoir.

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	
	7. UNIT AGREEMENT NAME
OIL CAS WELL OTHER	Sweetwater Canyon
NAME OF OPERATOR	8. FARM OR LEASE NAME
Natural Gas Corporation of California	Federal
3. ADDRESS OF OPERATOR	9. WELL NO.
85 South 200 East, Vernal, UT 84078	42-23
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	Wildcat
10071 FW 7761 FFL OF NE	11. SEC., T., R., W., OR BLK, AND SURVEY OR AREA
1987' FNL 776' FEL SE NE	
Section 23, T.14S., R.24E.	Section 23, T.14S., R.24E.
14. PERMIT NO. 15. ELEVATIONS (Show whether Dr. RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
43-047-30976 7326' GR	llintah litah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOT	CE OF INTENTION TO:		SUBERQUENT F	EXPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASI	ме	WATER SHCT-OFF	EXPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE		PRACTURE TERATMENT	ALTTEING CASING
SHOOT OF WCIDIZE	ABANDON®		SHOOTING OR ACIDIZING	AEANDONMENT*
REPAIR WELL	CHANGE PLANS		(Other)	
(Other) Request	Temporary Surface I	Pit_XJ	(Note: Report results of machine Completion or Recompletion	altiple completion on Wel Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.



DIVISION OF OIL, GAS & MINING

18. I bereby certify that the foregoing is true and correspond to figure william & from SIGNED William A. Ryan		oleum Engineer	DATE _	November 15,	<u>19</u> 84
(This space for Federal or State office use)	Acc	EPTED			
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE APPRO	EXED BY THE STAN	TE DATE _		· · · · · · · · · · · · · · · · · · ·
Federal approval of this action is required before commencing operations.	OIL, DATE: See InByetions com	GAS, AND MANING	G 		

NGC Energy Company

3.3C

2001 Bryan Tower Suite 953 Dallas, Texas 75201 (214) 742-2396

100

DECENVED JUN 21 1989

Cili-Casia Mining

June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and corresponsence currently mailed to Concord, California should now be addressed to:

MGC

NGC

MGC

PG&E RESOURCES COMPANY 2001 Bryan Tower, Suite 953 Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY 85 South 200 East Vernal, UT 84078

All remittances should be mailed to:

PG&E RESOURCES COMPANY P. O. Box 840274 Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,

Keith H. Perkins

Vice President Controller

KHP/chs

6.06.89

of CA are one in the same.

Company. dalked w/ Mr. Pukins

he indicated both companies

through uplied the cha. NGC CO.

will send a cha. of open from

Natural Las condition NGC.

Form 3160-5 (December 1989)

# DEPARTMENT OF THE INTERIOR

### **UNITED STATES** FORM APPROVED **BUREAU OF LAND MANAGEMENT**

Dadget r				
Expires	Septe	mbe	r 30,	1990
Lease Design	nation	and	Carin	NI.

SUMBBY NOTIOES	AND DEDODED ON WELL	U-10133
	AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
Use "APPLICATION FO	rill or to deepen or reentry to a different reservoir. R PERMIT—" for such proposals	
- COST ATTEMPTOR TO	N FEMILIT IOI Sucil proposals	
	IN TRIPLICATE TO THE TRIPLICATE THE TRIPLICATE TO THE TRIPLICATE THE TRIPLICATE TO THE TRIPLICATE THE TRIPLICATE THE TRI	7. If Unit or CA, Agreement Designation
1. Type of Well Oil Gas Well XX Well Other	MAY 0 3 1990	Sweetwater Canyon  8. Well Name and No.
2. Name of Operator	DIVISION OF	42-23 Federal
PGEE Resources Company  3. Address and Telephone No.	OIL. GAS & MINING	9. API Well No. 43-047-30976
85 South 200 East, Vernal,	UT 84078 801-789-4573	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D	• • • •	Dakota
1987' FNL, 776' FEL SE/NE Sec. 23, T14S, R24E	<ul> <li>A section of the sectio</li></ul>	11. County or Parish, State Uintah County, Utah
12. CHECK APPROPRIATE BOX(	s) TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	X Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
E. C. Chertage	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
Nemi	Other	
্রপটার্য সংগ্রেছ	Recompletion Report a	f multiple completion on Well Completion or nd Log form.)
<ol> <li>Describe Proposed or Completed Operations (Clearly state algive subsurface locations and measured and true vertice)</li> </ol>	l pertinent details, and give pertinent dates, including estimated date of starting al depths for all markers and zones pertinent to this work.)*	g any proposed work. If well is directionally drilled,
វ អុក្គ រដ្ឋារជាមិននេះ	a dopois for all markers and zones pertinent to this work.)	
Operator proposes to plug	and abandon the subject well as follow	ws:
Cement plug in 4½" csg	across 9-5/8" csg shoe from 330'-230'	• 15 15 15 15 15 15 15 15 15 15 15 15 15
	and $4\frac{1}{2}$ ! * 9-5/8" csg annulus from sur	
Erect regulation dryhol to about 18".	e marker with 10 sx sackrete and fill	around marker base
All intervals between p	lugs to be filled with fluid of hydro	static exceeding
greatest formation pro	essure encountered while drilling.	
Location to be restored	to specs to be provided by BLM.	OIL AND GAS
ustale konto uta ongatina poto ongati		DRN PJF
Notice And American Control of the C		JRB / GLH
ner in sama in germine sama soon in soon (is only soon or one		0 4081.7
Make Green Committee to the committee of	eda ( A composition of the com	DTS SLS OF TO
സ്ഥാനത്തു ത്രമുന്നത്തെ വിധാവക്യസ് പ്രസംഗം വിധാനം വിധാനം	· · · · · · · · · · · · · · · · · · ·	TAS and professor personal agent
ार हरकार के कार्य के सामित है। इस कार्य के सामित के सामि	a ja kapit ne talah salah s	TO TOUTH THE THE THE PLANT OF PROCESSION
Copies: Div. Oil. Gas	& Mining; SGoodrich; Central Files	<u>ាក់ ការប្រភព ការការបានក្រុម ខ្ពស់</u> និងប្រការ
14. I hereby certify that the foregoing is true and correct		
Signed Mike McMican	Title Production Supt. 3	MICROFILM /90
(This space for Federal or State office use)	The state of the s	FILE
Approved by	Title	
Conditions of approval if any	Title	Date
The second of the second		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agent or representations as to any matter within its jurisdiction. exes any false, fictitious or fraudulent statements \*See Instruction on Reverse Side

Form 3160-5 (December 1989)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS	U-10133
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
Use "APPLICATION FOR PERMIT—" for such proposals	
Tot Such proposals	
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Weil	
Oil GG Gas The transport of the control of the cont	
2 N - 50	8. Well Name and No.
PG&E Resources Company NOV 05 1990	42-23 Federal
	9. API Well No.
85 South 200 East, Vernal, UT 84078 801-789 45/25/00 OF	43-047-30976
3. Address and Telephone No.  85 South 200 East, Vernal, UT 84078  801-789 4575 2 MINING  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area
1987' FNL. 776' FEL. SE/NE	Sweetwater Canyon 11. County or Parish, State
Section 23 T14S R24F	Uintah, Utah
Coccion 20, 1140, K24L	ornean, ocan
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE BEROR	
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
Notice of Intent  X Abandonment	
and the second of the second o	Change of Plans
Subsequent Report	New Construction
The state of the s	Non-Routine Fracturing
Final Abandonment Notice  Casing Repair  Altering Casing	Water Shut-Off
Other	Conversion to Injection
(Note: Report results of	multiple completion on Well Completion or
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting give subsurface locations and measured and true untitled details.	Log form.)
give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*	any proposed work. If well is directionally drilled
Subject well was plugged and abandoned as follows:	en en e Maria (f. 17). La companya di Araba (f. 17).
aux Len Thae b	
9/25/90: RIH w/mill & tag @ 1182' (DV @ 1235') RU pwr swivel & st	ripping head.
9/26/90: Milled from 1182-1212 getting bolts and washer type ju	nk out of the hole.
9/27/90: Milled thru junk, cmt & DV, POH, RIH w/mill & scraper to tbg to 7111.	7117', POH, RIH OE
tbg to 71111.	ingeri
9/28/90: Circ well w/water, set 15 sx Class "G" 7111-6905 ; spot	9 ppg mud 6863-4500',
6 WCR α0 run GR-CCL 4550-4000'. Perf 4½' csg @ 4518', set cmt r	etainer @ 4418',
Dated 11-2 establish circ & cmt thru ret w/38 sx Class "G", left 1 b	bl. cmt on retainer.
Spot 9 ppg mud 4300-1300', set 15 sx Class "G" 1285-1080	', circ & fill 4½"
csg from 325' to surface.	
9/29/90: Cut off csg hd & install regulation dryhole marker.	•
Note: Location to be rehabilitated and seeded during No	vember 1990.
Here it is a few to the control of t	a – 19 ann Charlach Beile A <b>osing Sop of</b> Web. Talaine Beile Aosing Sop of Web.
는 사람들은 생각 수는 한다는 것을 하는 것을 하는 것이다. - 1985년 1월 1일	20
or lating hard skanned by the cost of a lating or with Federal requirement. The skyrical medium of the lating of t	
Copies: Dir. Oil, Gas & Mining; SGoodrich; Central Files	าวอาการ การเกลา การเกลา เกลา เกลา เกลา การเกลา การเกลา การเกลา การเกลา การเกลา การเกลา การเกลา การเกลา การเกลา
Signed	
(This space for Federal or State office use)	
September 2018 1 September 1 S	Date
Conditions of approval, if any:	Date
under de la companyation de la c	and the second second

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4 (November 1983) (formerly 9-330)

## TED STATES

SUBMIT IN DUPLA

Form approved. Budget Bureau No. 1004-0137

### (Secother instructions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO.

## DEPARTMENT OF THE INTERIOR

		BUR	EAU OF LAN	ID MAN	AGEME	NT				U-1	0133	)	
WELL CO	MPLE	TION	OR RECO	MPLET	ION I	REPORT	AN	D LOC	; *	6. IF IS	DIAN.	ALLOTT	EE OR TRIBE NAM
ia. TYPE OF WEI	LL:	OIL WELL	GAS WELL 5	( b	RY 🗌	Other				7. UNIT	AGREE	MENT	NAME
b. TYPE OF COM	PLETION WORK	V: DEEP-	erre L	7 DIF	· F. (	P&A	9/2	8/90					
WELL	OVER	EN	BACK L	RES		Other				S. FARM			AME
PG&E Reso		Compa	nv			The state of the s	<b>7</b> (3)	11-5	· \	9. WELI	eral	·	
3. ADDRESS OF OPE		dompa	-117	<del></del>			4 h			42-			
85 South	200 E	ast, V	ernal, UT	8407	8 80	1-789-4	573					POOL,	OR WILDCAT
4. LOCATION OF WE	LL (Repor	rt location	clearly and in c	ccordance	with an	v State reduit	zm <del>e</del> 9	90					Canyon
	1907.	FNL, /	/O. FET 2	SE/NE						11. SEC OR	., T., R., AREA	, <b>м</b> ., ок	BLOCK AND SURVE
At top prod. in	terval rep			بمد		UNVISION OF SAS AND				Sec	23	Т1	4S, R24E
At total depth		_	of Bee Sur Whed 11-8-91	CH Y		UIL, MAO	28 8/2011	6312.7			• 20	,	.40, KZ4L
		ſ	PHET II.M.	L .	RMIT NO.	PA	100	ISSUED		12. COU PAR			13. STATE
15. DATE SPUDDED	16. DAT	TE T.D. REA	CHED   17. DAT	43-	-047-3	30976		/7/84		Uin		10 7	Utah EV. CASINGHEAD
7578781	M. 1	0/17/8	1 Nev		plete		. ELEV	ATIONS (DI	, RKB, I	RT, GR, ETC	:.)*	19. BL	EV. CASINGHEAD
20. TOTAL DEPTH, MO	K TVD		BACK T.D., MD &			TIPLE COMPL.	•	23. INTE	RVALS LED BY	ROTARY	TOOLS	3	CABLE TOOLS
8650'			8570 <b>'</b>						<b>&gt;</b>	X	X		
24. PRODUCING INTE				, BOTTOM,	NAME (N	AD AND TVD)*							WAS DIRECTIONAL SURVEY MADE
None - ne	5 V G 1 C	ombiec	eu										No
26. TYPE ELECTRIC	AND OTHE	R LOGS RU	И	-					<del></del>		2	7. WAS	WELL CORED
BIL-FDC-(	CNL-BH	C 3-1	15-91										No
28. CASING SIZE	l were	HT, LB./FT			· · · · · · · · · · · · · · · · · · ·	ort all strings	s set in						
9-5/8"		# N80	294' I		12-1	LE SIZE	155		ENTING			-	None
4-1/2"		# N80	8650'			1/4"   155 sx Class ' 1/2"   565 sx 50/50 I							None
						-/ -	1000		, 50 1			-	None
													•
29.	70D ()		INER RECORD					30.	<del></del>	UBING 1		<del></del>	
	TOP (N	10)	BOTTOM (MD)	SACKS CI	EMENT*	SCREEN (M	D)	SIZE	-	DEPTH SE	r (MD)	E	PACKER SET (MD)
	·						-			<del></del>		-	
31. PERFORATION RE	CORD (Int	erval, size	and number)			32.	AC	ID. SHOT,	FRACT	URE, CE	4ENT	SQUE	EZE, ETC.
4518-19	1 snf	DEA	holes			DEPTH INT	PERVAL	(MD)	AM	OUNT AND	KIND	OF MA	TERIAL USED
4510-15	4 shr	rgA.	110162										
	•	•	*** · · ·	•			<del></del>		<del> </del>				
33.* DATE FIRST PRODUCT						UCTION				-			
Never pro			TION METHOD (F	towing, ye	us iiji, pi	imping—size	ana 11	pe of pum	p)	W	rell si shut-i		(Producing or
DATE OF TEST	HOURS	TESTED	CHOKE SIZE		N. FOR PERIOD	OIL—BBL.		GASMC	F	WATER-	-BBL.	G/	AS-OIL RATIO
	1 010100		1 0 1 0 1 1 1 1		<del>&gt;</del> ·	<u> </u>			_				
FLOW. TUBING PRESS.	CASING	PRESSURE	24-HOUR RAT	ott.—1	881.	GAS—	MCF.	1	WATER-	-BBL.	0	IL GRA	VĮTY-API (CORR.)
34. DISPOSITION OF G	AS (Sold,	used for fi	uel, vented, etc.)			<u> </u>				TEST W	TNESS	ED BY	
35. LIST OF ATTACH										·			
36. I hereby certify	that the	foregoing	and attached in	formation	is comp	lete and corre	ect as	determine	d from	all availa	ble rec	ords	
signed 2	ake m	r Mic	an	TI	rle	Producti	ion	Supt.		r	DATE .	1	1/2/90
													<del></del>

March 13, 1991



State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: Ms. Vicky Carney

**Production Group Supervisor** 

RECEIVEU

MAR 1 5 1991

DIVISION OF OIL GAS & MINING

RE: Federal #42-23

Sec. 23, T14S, R24E Federal #11-31 I Sec. 31, T9S, R18E Uintah County, Utah

Dear Ms. Carney,

In response to your letter dated March 7, 1991, please find enclosed the requested copies of the Dual Induction, Formation Density, Compensated Neutron & Cement Bond logs on the above mentioned wells.

If additional information is needed, please advise.

Sincerely,

Brenda K. Butler

Operations, Administrative Assistant

Brenda K. Buth

/bkb Enclosures